



ATTORNEY DOCKET NO. 03234.0018U3
APPLICATION NO. 10/786,652

JFC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
SRINIVAS) Confirmation No.: 2861
Application No.: 10/786,652) Group Art Unit: 1745
Filed: February 25, 2004) Examiner: Unassigned
FOR: "SULFONATED CONDUCTING POLYMER-)
GRAFTED CARBON MATERIAL FOR FUEL)
CELL APPLICATIONS")

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

September 9, 2004

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Form PTO 1449 is a listing of documents known to Applicant and/or his attorneys. A copy of each of these documents is enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicant.

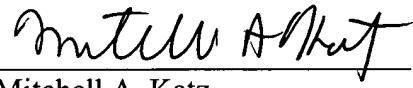
Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

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No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

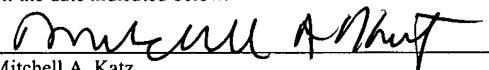


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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

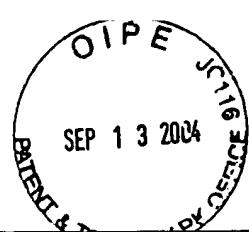
I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.



Mitchell A. Katz



Date



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Form PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF INFORMATION CITED BY APPLICANT

(Use as many sheets as necessary)

Complete if Known	
Application Number	10/786,652
Filing Date	02/25/2004
First Named Inventor	SRINIVAS
Group Art Unit	1745
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	C1	US 6,592,938	07/15/2003	Pessey <i>et al.</i>			
	C2	US 6,541,278	04/01/2003	Morita <i>et al.</i>			
	C3	US 6,451,375	09/17/2002	Cotte <i>et al.</i>			
	C4	US 6,132,491	10/17/2000	Wai <i>et al.</i>			
	C5	US 5,939,334	08/17/1999	Nguyen <i>et al.</i>			
	C6	US 5,789,027	08/04/1998	Watkins <i>et al.</i>			
	C7	US 5,639,441	06/17/1997	Sievers <i>et al.</i>			
	C8	US 5,606,724	02/25/1997	Wai <i>et al.</i>			
	C9	US 5,356,538	10/18/1994	Wai <i>et al.</i>			
	C10	US 4,970,093	11/13/1990	Sievers <i>et al.</i>			
	C11	US 4,737,384	04/12/1988	Murthy <i>et al.</i>			
	C12	US 4,734,227	03/29/1988	Smith			
	C13	US 4,582,731	04/15/1986	Smith			
	C14	US 4,552,786	11/12/1985	Berneburg <i>et al.</i>			
	C15	US 4,241,112	12/23/1980	Kostandov <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	C16	Blackburn <i>et al.</i> , "Reactive Deposition of Conformal Palladium Films from Supercritical Carbon Dioxide Solution," <i>Chemistry of Materials</i> , 12:2625-2631 (2000)
	C17	Blackburn <i>et al.</i> , "Deposition of Conformal Copper and Nickel Films from Supercritical Carbon Dioxide," <i>Science</i> , 294:141-145 (2001)
	C18	Cabanas <i>et al.</i> , "A Continuous and Clean One-Step Synthesis of Nano-Particulate Ce _{1-x} Zr _x O ₂ Solid Solutions in Near-Critical Water," <i>Chemical Communications</i> , 11:901-902 (2000)
	C19	Cansell <i>et al.</i> , "Supercritical Fluid Processing: A New Route for Material Synthesis," <i>Journal of Materials Chemistry</i> , 9:67-75 (1999)
	C20	Johnston, "Safer Solutions for Chemists," <i>Nature</i> , 368:187-188 (1994)

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	C21	Kaupp, "Reactions in Supercritical Carbon Dioxide," <i>Angewandte Chemie</i> , 33:1452-1455 (1994)
	C22	Kordikowski <i>et al.</i> , "Resolution of Ephedrine in Supercritical CO ₂ : A Novel Technique for the Separation of Chiral Drugs," <i>J. Pharm. Sci.</i> , 88:786-791 (1999)
	C23	Long <i>et al.</i> , "Chemical Fluid Deposition: A Hybrid Technique for Low-Temperature Metallization," <i>Advanced Materials</i> , 12:913-915 (2000)
	C24	Park <i>et al.</i> , "Formation of Nylon Particles and Fibers Using Precipitation with a Compressed Antisolvent," <i>Industrial & Eng. Chem. Res.</i> , 41:1504-1510 (2002)
	C25	Shah <i>et al.</i> , "Steric Stabilization of Nanocrystals in Superficial CO ₂ Using Fluorinated Ligands," <i>J. Am. Chem. Soc.</i> , 122:4245-4246 (2000)
	C26	Watkins <i>et al.</i> , "Chemical Fluid Depositon: Reactive Deposition of Platinum Metal from Carbon Dioxide Solution," <i>Chemistry of Materials</i> , 11:213-215 (1999)
	C27	Watkins <i>et al.</i> , "Polymer/Metal Nanocomposites in Supercritical CO ₂ ," <i>Chemistry of Materials</i> , 7:1991-1994 (1995)
	C28	Watkins <i>et al.</i> , "Polymerization of Styrene in Supercritical CO ₂ -Swollen Poly(chlorotrifluoroethylene)," <i>Macromolecules</i> , 28:4067-4074 (1995)

Examiner Signature:		Date Considered	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Form PTO 1449
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(Use as many sheets as necessary)

Complete if Known	
Application Number	10/786,652
Filing Date	02/25/204
First Name Inventor	SRINIVAS
Art Unit	1745
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	D1	US 5,767,036	06/16/1998	Freund <i>et al.</i>			
	D2	US 5,316,990	05/31/1994	Cooper <i>et al.</i>			
	D3	US 5,068,161	11/26/1991	Keck <i>et al.</i>			
	D4	US 4,880,711	11/14/1989	Luczak <i>et al.</i>			
	D5	US 4,081,409	03/28/1978	McNicol <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
	D6	JP 8022827	01/23/1996	Toshiba Corporation (abstract)	
	D7	JP 3245850	11/01/1991	Hitachi Ltd. (abstract)	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	D8	Löffler <i>et al.</i> , "Activity and Durability of Water-Gas Shift Catalysts Used for the Steam Reforming of Methanol," Journal of Power Sources, 114(1):15-20 (2003)
	D9	Morrison <i>et al.</i> , "Step-Reaction Polymerization," <i>Organic Chemistry</i> , Fifth Edition, Sec. 36.7:1249-1252 (1987)
	D10	Wei <i>et al.</i> , "Stabilization of Platinized Carbon Catalysts for PAFC," <i>Journal of Applied Electrochemistry</i> , 30:723-725 (2000)

Examiner Signature:	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	